

What is claimed is:

1. A method of recycling mold plastic parts comprising steps of:

5 crushing said mold plastic parts into a crush material, said mold plastic parts being made of thermoplastic resin; using said crush material as a part of a molding material;

10 adding at least a carbon black and an oxidation inhibiting material as additives into said molding material; and

 molding recycled plastic mold parts by using said molding material.

15 2. A method of recycling mold plastic parts as defined in claim 1, wherein said crushed material is added as a recycled plastic pellet, said crushed material being melted, extruded and cut at a regular size to form said recycled plastic pellet.

20 3. A method of recycling mold plastic parts as defined in claim 1, wherein said carbon black and said oxidation inhibiting material are added as a master batch plastic pellet, said carbon black and said oxidation inhibiting material being mixed with a new thermoplastic resin, melted, extruded and cut
25 at a regular size to form said master batch plastic pellet.

 4. A method of recycling mold plastic parts as defined in claim 1, wherein an averaged diameter of particles of said carbon black is 10-80nm.

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 5. A method of recycling mold plastic parts as defined

in claim 4, wherein a content of said carbon black is 0.2-1.2 wt.% in accordance with a total weight of the molding material and the additives.

5 6. A method of recycling mold plastic parts as defined in claim 5, wherein a content of said oxidation inhibiting material is 0.02-0.3 wt.% in accordance with a total weight of the molding material including the additives.

10 ~~7.~~ A method of recycling mold plastic parts comprising steps of:

 crushing said mold plastic parts into a crush material, said mold plastic parts being made of thermoplastic resin; using said crush material as a part of a molding

15 material;

 adding at least additives for preventing said crushed material from decomposing to decomposed products, or for absorbing / capturing said decomposed products, said decomposed products having bad influence on photographic characteristics of the photosensitive material.

20 8. A method of recycling mold plastic parts as defined in claim 7, wherein said crushed material is added as a recycled plastic pellet, said crushed material being melted, extruded and cut at a regular size to form said recycled plastic pellet.

 9. A method of recycling mold plastic parts as defined in claim 8, wherein said additives are a carbon black and an oxidation inhibiting material.

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~~10.~~ Recycled plastic mold parts for photosensitive

material, said recycled plastic mold parts being made of a molding material, said molding material comprising:

a crush material made by crushing used mold plastic parts, said mold plastic parts being made of thermoplastic resin;
carbon black; and
oxidation inhibiting material.

11. Recycled plastic mold parts as defined in claim 10, wherein said crushed material is added as a recycled plastic pellet, said crushed material being melted, extruded and cut at a regular size to form said recycled plastic pellet.

12. Recycled plastic mold parts as defined in claim 11, wherein said carbon black and said oxidation inhibiting material are added as a master batch plastic pellet, said carbon black and said oxidation inhibiting material being mixed with a thermoplastic resin, melted, extruded and cut at a regular size to form said master batch plastic pellet.

~~13.~~ 13. A method of recycling mold plastic parts comprising:
crushing said mold plastic parts into a crush material, said mold plastic parts being made of thermoplastic resin;
using said crush material as a part of a molding material;
adding at least a carbon black, an oxidation inhibiting material and a new plastic material containing rubber-like material as additives into said molding material; and
molding recycled plastic mold parts by using said molding material.

14. A method of recycling mold plastic parts as defined in claim 13, wherein said crushed material is added as a

recycled plastic pellet, said crushed material being melted, extruded and cut at a regular size to form said recycled plastic pellet.

5 15. A method of recycling mold plastic parts as defined in claim 14, wherein said carbon black and said oxidation inhibiting material are added as a master batch plastic pellet, said carbon black and said oxidation inhibiting material being mixed with a new thermoplastic resin, melted, extruded
10 and cut at a regular size to form said master batch plastic pellet.

15 16. A method of recycling mold plastic parts as defined in claim 15, wherein an averaged diameter of particles of said carbon black is 16-24nm.

17. Recycled plastic mold parts for photosensitive material, said recycled plastic mold parts being made of a molding material, said molding material comprising:
20 a crush material made by crushing used mold plastic parts, said mold plastic parts being made of thermoplastic resin;
 new plastic material containing rubber;
 carbon black; and
 oxidation inhibiting material.

25 18. Recycled plastic mold parts as defined in claim 17, wherein said crushed material is added as a recycled plastic pellet, said crushed material being melted, extruded and cut at a regular size to form said recycled plastic pellet.

30 19. Recycled plastic mold parts as defined in claim 18,

wherein said carbon black and said oxidation inhibiting material are added as a master batch plastic pellet, said carbon black and said oxidation inhibiting material being mixed with a thermoplastic resin, melted, extruded and cut at a regular size to form said master batch plastic pellet.

20. Recycled plastic mold parts as defined in claim 19, wherein an averaged diameter of particles of said carbon black is 16-24nm.

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